

TECHNICAL BRIEF

BY: AZD ENGINEERING

LCD Display Modules

AZ Displays offers a wide range of character and graphic display modules. Many of these LCD displays are offered with a variety of options such as a White LED backlight that enhance the overall clarity and contrast.

Character Modules

The negative blue mode STN with White LED Edge Lighting is fast becoming the most popular option on the market. The brilliant blue background with white characters provides both color and contrast to make an application stand out. Lower power consumption, typically less than 20ma, is an added bonus.



Graphic Modules

Small to medium sized graphic modules can now have the negative blue or negative FSTN options that were only found with larger graphic displays using CCFL back lighting. White Edge LED Lighting is less expensive and does not require the inverters needed for CCFL.



White LED EDGE LIGHTING

Existing or new applications can benefit from bold, modern appearance available with White LED Edge Lighting. This inexpensive option is available on existing graphic and character modules. On-board current limiting resistors allow for drop in replacement for traditional matrix LED displays.

